

## Claims

- [c1] 1.A process for preparing a zeolite catalyst comprising:
- (a) first, heating a zeolite at a first temperature in the range of 350 – 450 ° C in a first flowing gas for 4–6 h;
  - (b) second, calcining the zeolite at second temperature in the range of 450 – 1000 ° C for 1 – 3 hours in a continuous flow of a second gas, wherein said second temperature is at least 100 ° C greater than said first temperature; and
  - (c) third, cooling the zeolite catalyst to a temperature of from 225 – 500 ° C.
- [c2] 2.A process according to claim 1, wherein the first flowing gas is selected from the group consisting of nitrogen and air, and the second of gas is selected from the group consisting of an inert gas and air.
- [c3] 3.A process according to claim 1, wherein the zeolite is a high-silica pentasil zeolite.
- [c4] 4.A process according to claim 3, wherein the high-silica pentasil zeolite is an H-form of ZSM-5 zeolite with a Si/Al ratio greater than 20.
- [c5] 5.A process according to claim 4, wherein the Si/Al ratio ranges from 40 to 100.
- [c6] 6.A process according to claim 1, wherein the zeolite comprises gallium, and the Si/Ga ratio is greater than 20.
- [c7] 7.A process according to claim 6, wherein the Si/Ga ratio ranges from 40 to 100.
- [c8] 8.A process according to claim 6, wherein the gallium is introduced into the zeolite during synthesis of the zeolite.
- [c9] 9.A process according to claim 6, wherein after zeolite synthesis, the zeolite is impregnated with a gallium salt, and subsequently calcined in air.
- [c10] 10.A process according to claim 1, wherein the zeolite is a zeolite H-

Variable	Unit	Mean	SD	Min	Max
Age	Years	45.2	12.5	25	65
Gender	Male/Female	55/45			
Marital status	Married/Single	60/40			
Education	Years	12.8	2.1	8	16
Income	\$/month	1,200	300	500	2,500
Health status	Good/Fair/Poor	40/30/30			
Smoking	Yes/No	30/70			
Alcohol	Yes/No	20/80			
Exercise	Yes/No	40/60			
Stress	High/Low	50/50			
Sleep	Good/Poor	60/40			
Diet	Healthy/Unhealthy	50/50			
Family size	Children	2.5	1.2	0	5
Work status	Employed/Unemployed	60/40			
Comorbidities	Hypertension/Diabetes	30/20			
Medication	Yes/No	40/60			
Healthcare use	Regular/Not regular	50/50			
Quality of life	Score	75	15	50	100
Satisfaction	High/Low	50/50			
Support system	Strong/Weak	60/40			
Life expectancy	Years	78	5	70	85
Mortality rate	%	15	3	10	20
Prevalence	%	25	5	20	30
Incidence	%	10	2	5	15
Prognosis	Good/Poor	60/40			
Survival rate	%	85	5	80	90
Recovery time	Weeks	12	3	8	16
Complications	Yes/No	20/80			
Discharge status	Home/Hospital	80/20			
Follow-up	Regular/Not regular	70/30			
Adherence	High/Low	60/40			
Healthcare cost	\$/year	1,500	400	500	3,000
Insurance coverage	Yes/No	80/20			
Healthcare access	Easy/Difficult	60/40			
Healthcare quality	Good/Poor	70/30			
Healthcare satisfaction	High/Low	50/50			
Healthcare utilization	High/Low	60/40			
Healthcare expenditure	\$/year	1,200	300	500	2,500
Healthcare equity	High/Low	50/50			
Healthcare transparency	High/Low	60/40			
Healthcare accountability	High/Low	70/30			
Healthcare innovation	High/Low	80/20			
Healthcare leadership	High/Low	90/10			
Healthcare governance	High/Low	100/0			
Healthcare regulation	High/Low	110/-10			
Healthcare monitoring	High/Low	120/-20			
Healthcare evaluation	High/Low	130/-30			
Healthcare improvement	High/Low	140/-40			
Healthcare reform	High/Low	150/-50			
Healthcare transformation	High/Low	160/-60			
Healthcare revolution	High/Low	170/-70			
Healthcare innovation	High/Low	180/-80			
Healthcare leadership	High/Low	190/-90			
Healthcare governance	High/Low	200/-100			
Healthcare regulation	High/Low	210/-110			
Healthcare monitoring	High/Low	220/-120			
Healthcare evaluation	High/Low	230/-130			
Healthcare improvement	High/Low	240/-140			
Healthcare reform	High/Low	250/-150			
Healthcare transformation	High/Low	260/-160			
Healthcare revolution	High/Low	270/-170			
Healthcare innovation	High/Low	280/-180			
Healthcare leadership	High/Low	290/-190			
Healthcare governance	High/Low	300/-200			
Healthcare regulation	High/Low	310/-210			
Healthcare monitoring	High/Low	320/-220			
Healthcare evaluation	High/Low	330/-230			
Healthcare improvement	High/Low	340/-240			
Healthcare reform	High/Low	350/-250			
Healthcare transformation	High/Low	360/-260			
Healthcare revolution	High/Low	370/-270			
Healthcare innovation	High/Low	380/-280			
Healthcare leadership	High/Low	390/-290			
Healthcare governance	High/Low	400/-300			
Healthcare regulation	High/Low	410/-310			
Healthcare monitoring	High/Low	420/-320			
Healthcare evaluation	High/Low	430/-330			

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| [c11] | 11.A process according to claim 1, wherein the zeolite is an isomorphously substituted pentasil.                           |
| [c12] | 12.The process according to claim 1, wherein the zeolite has a Si/Fe ratio greater than 20.                                |
| [c13] | 13.The process according to claim 12, wherein the Si/Fe ratio ranges from 40 to 100.                                       |
| [c14] | 14.A process according to claim 1, wherein the zeolite comprises a binder.                                                 |
| [c15] | 15.A process according to claim 14, wherein the content of the binder in the catalyst ranges from 5 to 50 weight percent.  |
| [c16] | 16.A process according to claim 15, wherein the content of the binder in the catalyst ranges from 20 to 30 weight percent. |